



**Short Forms Programme of Proficiency testing schemes for 2016
for external participant**

Field of chemical methods

	Name, date	Parameters at a concentration level of drinking and surface water
1	MPS-ZPV-4/2016 12.4.2016	<u>Basic chemical analysis:</u> <u>synthetic samples:</u> Biochemical Oxygen Demand (BOD ₅), Chemical Oxygen Demand (COD _{Cr}), Ammonium (NH ₄ ⁺), Nitrite (NO ₂ ⁻), Nitrate (NO ₃ ⁻), Total Nitrogen (TN), Organic Nitrogen (N _{org}), Fluoride (F ⁻), Bromate (BrO ₃ ⁻), Chlorite (ClO ₂ ⁻), Orthophosphate (PO ₄ ³⁻), Total Phosphorus (TP), Total Suspended Solids at 105°C (TSS ₁₀₅), Permanganate index (CHSK _{Mn})
2	MPS-RR-4/2016 12.4.2015	<u>Radiochemical analysis:</u> <u>synthetic samples:</u> total activity alpha, total activity beta, ²²² Rn, ²²⁶ Ra, ³ H, U _{nat}
3	MPS-SAA-4/2016 26.4.2016	<u>Trace inorganic analysis:</u> <u>synthetic samples:</u> Ag, Al, As, B, Cd, Co, Cr, Cu, Fe, Mn, Ni, Pb, Sb, Zn
4	MPS-SOA-4/2016 26.4.2016	<u>Trace organic analysis:</u> <u>synthetic samples:</u> PCB: PCB28, PCB52, PCB101, PCB118, PCB138, PCB153, PCB180 PAU: anthracene, benzo[b]fluoranthene, benzo[k]fluoranthene, benzo[a]pyrene, benzo[ghi]perylene, fluoranthene, phenanthrene, indeno[1,2,3-cd]pyrene, OCP: lindane, hexachlorbenzene, heptachlor, DDT, metoxychlor
Parameters at a concentration level of surface and waste water		
5	MPS-ZOV-10/2016 11.10.2016	<u>Basic chemical analysis:</u> <u>synthetic samples:</u> Biochemical Oxygen Demand (BOD ₅), Chemical Oxygen Demand (COD _{Cr}), Ammonia Nitrogen as N (N-NH ₄), Nitrite as N (N-NO ₂), Nitrate as N (N-NO ₃), Total Nitrogen (TN), Total Organic Nitrogen (N _{org}), Total Dissolved Solids at 105°C (TDS ₁₀₅), Total Dissolved Solids at 550°C (TDS ₅₅₀), Total Suspended Solids at 105°C (TSS ₁₀₅), Orthophosphate as P (P-PO ₄), Total Phosphorus as P (TP)
6	MPS-SAA-10/2016 11.10.2016	<u>Trace inorganic analysis:</u> <u>synthetic samples:</u> Ag, Al, As, Ba, Cd, Co, Cr, Cu, Fe, Hg, Mn, Mo, Ni, Pb, Se, V, Zn
Parameters at a concentration level of drinking and surface water		
7	MPS-SOA-10/2016 11.10.2016	<u>Special organic analysis:</u> <u>synthetic samples:</u> VOC: CHCl ₃ , CCl ₄ , TCE, PCE, 1,2-dichloroethane, CHBrCl ₂ , CHBr ₂ Cl, CHBr ₃ , 1,2 DCB, benzene, p-xylene, toluene, chlorobenzene, ethylbenzene, styrene Polar pesticides: atrazine, chlortolurone, isoproturone, simazine, terbutylazine Chlorinated phenols: PCP, 2,4-DCP, 2,4,6-TCP
WRI organizer of PTs reserved right for potencial modification parameters or dates in separate round of PTs		

	Date:	Appointment:	Name:	Signature:
Developed:	17.12.2015	coordinator PTs	Ing. Angelika Kassai, PhD.	
Examined:	18.12.2015	deputy of coordinat PTs	RNDr. Jana Tkáčová, PhD.	
Approved:	13.1.2015	director of SNWRL	RNDr. Jarmila Makovinská, CSc.	